



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: *FOMREZ® 22-54U*  
Product Use Description: Raw material for industry

Chemical nature: Polymer

Company: Chemtura Corporation  
199 Benson Road  
Middlebury, CT  
06749  
United States of America

Emergency telephone: CHEMTREC: (24 hours) 800-424-9300  
:

For additional emergency telephone numbers see section 16 of the Safety Data Sheet.

Prepared by: Product Safety Department  
(US) +1 866-430-2775  
  
+011-886-2-2712-5668    MSDSRequest@chemtura.com

### SECTION 2. HAZARDS IDENTIFICATION

#### Emergency Overview

#### Caution

Form: molten solid      Colour: off-white      Odour: mild

Hazard Summary : May cause eye irritation.  
The molten product can cause serious burns.

OSHA Hazards : THIS MATERIAL IS NOT HAZARDOUS UNDER THE CRITERIA  
OF THE FEDERAL OSHA HAZARD COMMUNICATION  
STANDARD 29CFR 1910.1200.



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

### Potential Health Effects

- Primary Routes of Entry : Skin contact  
Eye contact  
Inhalation
- Inhalation : May cause respiratory tract irritation.
- Skin : May cause thermal burns.
- Eyes : May cause eye irritation.
- Ingestion : May be harmful if swallowed.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Hazardous components

No ingredients are hazardous according to HCS criteria.

### SECTION 4. FIRST AID MEASURES

#### First aid procedures

- Inhalation : If inhaled, remove to fresh air.  
Call a physician if irritation develops or persists.
- Skin contact : Wash off with warm water and soap.  
Molten product may cause thermal burns.  
If burned by contact with hot molten material, cool burned skin as quickly as possible by immersing in cold water, or applying cold water. Call a physician.
- Eye contact : Rinse thoroughly with plenty of water, also under the eyelids.  
If symptoms persist, call a physician.  
WHEN MOLTEN ONLY (molten product can cause thermal burns) -
- Ingestion : Do NOT induce vomiting.  
Get medical attention immediately.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Flammable properties

- Flash point : > 419 °F (215 °C)  
Method: open cup



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

Lower explosion limit : Remarks: no data available

Upper explosion limit : Remarks: no data available

### Fire fighting

Suitable extinguishing media : Extinguish with:  
- water fog  
Dry chemical  
Carbon dioxide (CO<sub>2</sub>)  
Alcohol-resistant foam  
Water spray

Unsuitable extinguishing media : none

### Protective equipment and precautions for firefighters

Special protective equipment for fire-fighters : Use self-contained breathing apparatus when fighting fires in enclosed areas.

In the event of fire, wear self-contained breathing apparatus.  
Use personal protective equipment.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Wear suitable protective equipment.

Environmental precautions : insoluble  
Should not be released into the environment.  
Do not flush into surface water or sanitary sewer system.

Methods for containment /  
Methods for cleaning up : Dam up.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Pick up and transfer to properly labelled containers.

## SECTION 7. HANDLING AND STORAGE

### Handling

Handling procedures : Wear suitable protective equipment.  
Never use pressure to empty drums.

### Storage

Requirements for storage areas and containers : Keep tightly closed in a dry, cool and well-ventilated place.  
Protect from contamination.



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

Other data : Stable under recommended storage conditions.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

Contains no substances with occupational exposure limit values.

#### Engineering measures

Engineering measures : Controlled heating equipment

#### Personal protective equipment

Eye protection : Safety glasses

Hand protection : Protective gloves  
Heat insulating gloves

Skin and body protection : Lightweight protective clothing  
Chemical resistant apron

Respiratory protection : Breathing apparatus needed only when aerosol or mist is formed.  
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hygiene measures : Avoid contact with moisture and prolonged exposure to temperatures above 140°F (60°C).  
Purge containers with dry nitrogen before resealing.  
Do not use spot heating devices such as band heaters or torches.  
Make sure contents are completely liquid and uniform before using.  
(SEE TECHNICAL BULLETIN FOR ADDITIONAL DETAILS)

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Appearance

Form : molten solid

Colour : off-white

Odour : mild

#### Safety data

Flash point : > 419 °F (215 °C)



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

	Method: open cup
Lower explosion limit	: Note: no data available
Upper explosion limit	: Note: no data available
pH	: Note: not applicable
Melting point/range	: Note: no data available
Boiling point/boiling range	: Note: Decomposes
Vapour pressure	: Note: not determined
Specific Gravity	: 1.169 at 65 °C 1.147 at 93 °C 1.127 at 121 °C
Water solubility	: Note: insoluble

### SECTION 10. STABILITY AND REACTIVITY

Materials to avoid	: Remarks: Strong oxidizing agents Acids and bases
Hazardous decomposition products	: Note: Carbon oxides
Hazardous reactions	: Hazardous polymerisation does not occur.

### SECTION 11. TOXICOLOGICAL INFORMATION

Further information : No toxicology information is available.

### 12. ECOLOGICAL INFORMATION

#### Further information on ecology

Additional ecological information : We have no quantitative data concerning the ecological effects of this product.



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

### SECTION 13. DISPOSAL CONSIDERATIONS

Further information : In accordance with local and national regulations.

### SECTION 14. TRANSPORT INFORMATION

#### DOT

Not dangerous goods

#### TDG

Not dangerous goods

#### IATA

Not dangerous goods

#### IMDG

Not dangerous goods

#### RID

Not dangerous goods

### SECTION 15. REGULATORY INFORMATION

**OSHA Hazards** : This material is not hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

**SARA 311/312 Hazards** : No SARA Hazards

#### The components of this product are reported in the following inventories:

**TSCA** : On TSCA Inventory

**DSL** : All components of this product are on the Canadian DSL list.

**AICS** : On the inventory, or in compliance with the inventory

**KECI** : On the inventory, or in compliance with the inventory



# Material Safety Data Sheet

## FOMREZ® 22-54U

Version: 1.3

Revision Date: 03/10/2010

Print Date: 06/08/2011

**PICCS** On the inventory, or in compliance with the inventory

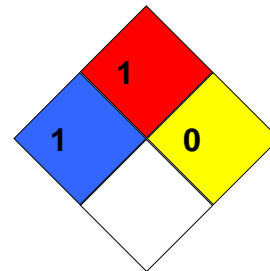
**IECSC** On the inventory, or in compliance with the inventory

### SECTION 16. OTHER INFORMATION

#### Further information

**HMIS Classification** : Health hazard: 1  
Flammability: 1  
Reactivity: 0

**NFPA Classification** : Health hazard: 1  
Fire Hazard: 1  
Reactivity Hazard: 0



#### Other Emergency Phone Number

<u>Latin America:</u>	Brazil	+52 113 711 91 44
	All other countries	+44 (0)208 762 8322
<u>Mexico:</u>		+52 555 004 87 63

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.